

[View this email in your browser](#)



Winter 2022 Newsletter

Raleigh Section Updates

Thanks to you, <<First Name>>, the Raleigh Section is Thriving! Over the past year we have created opportunities for in person lunch gatherings, evening socials and monthly (virtual) education programs. Our section is has enjoyed connecting with colleagues at our Lumen & Lunch and Lumen & Lagar seeing familiar faces and meeting new members as they joined the section! We are grateful for our Southeast regional colleagues from Charlotte, Winston-Salem, and as far as Richmond VA who joined us for various programs throughout the year!

We boast an elite group of lighting superstars in our section; what larger sections wish they had, we have local! The success over the past year would not been possible without the dedication & hard work of all our volunteers!

Teamwork makes the dream work!

We always are looking for volunteers and invite you to join us! You can give an hour a month, or an hour a week, whatever works best for you schedule. Be part of our upcoming mentorship group, education committee, planing group and more. We're always looking for fresh, creative ideas!

<https://raleigh.ies.org/about-us/>

Local Events



Educational Events

Upcoming Save the Dates:

Topic: Horticulture Lighting – A Growing Opportunity

Date: Friday, January 13th

Time: 12pm-1pm

Register here:

<https://www.eventbrite.com/e/horticulture-lighting-a-growing-opportunity-tickets-499774788847>

Social Events

Lumen & Lunch Social

Date: Friday, January 20th

Time: 12pm-1pm

Thank you to all our members who attended our live webinars.
As a reminder, you can rewatch any of our recorded webinars on our
[IES Raleigh YouTube Channel](#)

We want to hear from you! Do you have an idea for a future educational or social event?
Submit your ideas to iesraleighsection@gmail.com

Raleigh Illumination Award

Raleigh Section Illumination Awards Announcement

Congratulations to our North Carolina Illumination Awards 2022 winners!

Winner

Virginia's National Museum of the U.S. Army
Derek Barnewell | Available Lighting



2022 Illumination Award - Winner



Virginia's National Museum of the U.S. Army

Derek Barnwell | Available Light

Congratulations to our Runner-Up
First Presbyterian Church
Diane Rodriguez | Hartranft Lighting Design

See below for more details on this challenging project!

Thank you to all of our lighting designers, architects and engineers who submitted projects this year. We have amazing local talent and invite you to visit our awards page to view all the submitted projects!

<https://raleigh.ies.org/awards/>

Membership

Notable Achievements

At our Holiday and Membership Appreciation Luncheon, we had the honor of recognizing four new members reaching thirty years IES membership milestone and Emeritus status.

We also took the time to recognize other members who also reached thirty year membership milestone, but had been missed inadvertently. We are so proud to call these members our colleagues and friends. Congratulations, and thank you for your dedication to IES and the lighting industry!

30-Year Plus Members

John Anderson (Emeritus Member)
Edward Lars Bostrom (Emeritus Member)
James C. Busam (Emeritus Member)
Robert L. Henderson (Emeritus Member)
Jane G. Kirkland (Emeritus Member)
David E. Steigelman (Emeritus Member)
William T. Wilson (Emeritus Member)
Mai Carr Zakerin (Emeritus Member)

Member Spotlight

This issue's member spotlight is on Turquoise Shaw!



Turquoise Shaw

Member of IES Since 2001

Company: Blue Light Consulting

Title: President

When did you first hear about the IES and what prompted you to join?

I first heard about IES from my college professor Dr Helms, he taught lighting and electrical distribution at North Carolina A & T State University. As a class, we would go to the local

Greensboro chapter IES meetings. My initial reason for going was to receive extra credit on some projects but I quickly found joy in being around other lighting professionals and started networking during my college years.

At what point in your career did you come to understand lighting was the career path for you?

By my junior year of college, I knew I wanted to go in the lighting career path it's always been a passion of mine and I enjoy what I get to do every single day. Helping people reduce their energy consumption by switching their old inefficient light fixtures to new efficient LED fixtures.

What is the best thing about the Society? Why do you continue to renew?

The best part about being a part of the society is being around like-minded people just as enthused as I am about lighting. The opportunity to network and learn about new products that are on the market. Lighting technology and design criteria is constantly changing and evolving so that's my main reason for continuously renewing my membership to stay up to date. And I think the IES does a great job of doing that.

Past/Recent Projects

- Surveyed and developed new/retrofitted the lighting for St John College in Santa Fe, Mexico. The lighting portion of the project was \$0.7 million.
- Surveyed and developed new/retrofitted the lighting for Isle of Wight Public Schools in Virginia. The lighting portion of the project was \$2.1 million.
- Surveyed and developed new/retrofitted the lighting for Glynn County in Georgia. The lighting portion of the project was \$2.1 million.
- Surveyed and developed new/retrofitted the lighting for Newport News Public Schools - Phase 2 in Virginia. The lighting portion of the project was \$4.4 million.
- Surveyed and developed new/retrofitted the lighting for Prairie View A&M University in Texas. The lighting portion of the project was \$2.4 million.
- Surveyed and developed new/retrofitted the lighting for Albemarle County in Virginia. The lighting portion of the project was \$6.3 million.
- Surveyed and developed new/retrofitted the lighting for City of Atlanta in Georgia. The lighting portion of the project was \$2.3 million.
- Surveyed and developed new/retrofitted the lighting for Douglas County in Georgia. The lighting portion of the project was \$0.8 million.
- Surveyed and developed new/retrofitted the lighting for Medical University of South Carolina – Phase 2 in South Carolina. The lighting portion of the project was \$6.3 million.
- Surveyed and developed new/retrofitted the lighting for Southwest Virginia Regional Authority in Virginia. The lighting portion of the project was \$0.9 million.
- Surveyed and developed new/retrofitted the lighting for Eastern Louisiana Mental Health Systems in Louisiana. The lighting portion of the project was \$2.6 million.
- Surveyed and developed new/retrofitted the lighting for New River Valley Jail in Virginia. The lighting portion of the project was \$0.4 million.

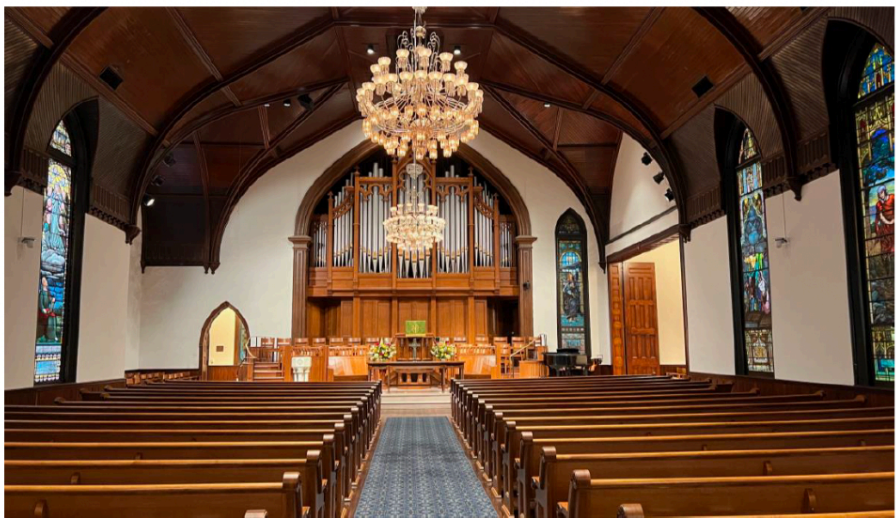
When not serving the advancement of the art and science of lighting, how do you like to spend your free time?

I enjoy traveling with friends and family and I love to explore new cultures and new places. I enjoy biking swimming and running. Hiking through nature and camping... anything outdoors.

Project Feature

First Presbyterian Church

Project submitted by Hartranft Lighting Design (Diane Rodriguez)
Client: First Presbyterian Church



2022 Illumination Award - Runner Up



First Presbyterian Church

Diane Rodriguez | Hartranft Lighting Design



Project Description: National National Register of Historic Places First Presbyterian Church, Charlotte undertook a 16-month renovation of the 1895 Sanctuary and 1947 Welcome Center. Lighting played an important role in the successful transformation of these spaces.



Name at least one unique challenge associated with this project? FPC had specific requests for the lighting design:

- Enhance lighting quality with an appealing aesthetic
- Increase lighting levels in sanctuary
- Specify luminaires to enhance televised worship services
- Limit new sanctuary lighting to existing openings in historic ceiling
- Sanctuary lighting controls with preprogrammed scenes encompass morning, evening, Tenebrae, and concert uses

What factors contributed to the success of this project? Improved general lighting employs discreet sources and allows historic decorative chandeliers and sconces to create sparkle and unique character. New aimable cylinders provide general lighting significantly increasing lighting levels, crucial for reading hymnals and bulletins. Accent lighting at chancel renders officiant shadow free. Retrofit LED lamps dim to zero in historic chandeliers ensuring various scenes, long lamp life and minimized maintenance. Interior historic stained-glass window (to the side of the chancel) is backlit with tunable white LED up / down wall washers.

Design ensures Sanctuary control flexibility with individually addressed DMX luminaires. Several preset scenes are programmed for variety of sanctuary uses. Interior stained-glass window backlighting tied to an exterior / roof-mounted sensor follows change of Kelvin throughout the day to match exterior-lit windows.



First Presbyterian Church, Charlotte

Previously a very dim space, lighting updates lift the space, visually and photometrically. Lighting levels now conform to IES standards. (Far left after, middle and right before)

Design Team:

Lighting Design: Diane Rodriguez | Hartranft Lighting Design

We want to hear from you!

Do you have a cool project you would like featured in our next newsletter?

Submit your projects to iesraleighsection@gmail.com or visit <https://raleigh.ies.org/>



Job Postings

Electrical Senior Project Engineer | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Project Engineer | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Engineer II | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Senior Project Engineer – Power Systems | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

BIM Specialist I | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Designer | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Electrical Engineer | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Cost Estimator | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Assistant Architecture/Engineering Project Manager | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Distributor Sales Representative | Litesource | Greenville/Wilmington, NC | [Litesource Careers](#)

Senior Electrical Engineer (PE) | O'Brien/Atkins Associate | Durham, NC | Dana Dorroh
(dana@onesource-nc.com)

Lighting Instructor (part time) | Institute of Energy Professionals (IEP) | Raleigh, NC | walterbright@theiep.org

Entry-Level Lighting Engineer | ProAutomated | Gastonia, NC | [ProAutomated Careers](#)

Entry-Level Lighting Engineer | ProAutomated | Garner, NC | [ProAutomated Careers](#)

Entry-Level Lighting Engineer | ProAutomated | Charlotte, NC | [ProAutomated Careers](#)

Entry-Level Lighting Engineer | ProAutomated | Apex, NC | [ProAutomated Careers](#)

Entry-Level Lighting Engineer | ProAutomated | Raleigh, NC | [ProAutomated Careers](#)

Field Service Engineer - Lighting Controls Industry | ProAutomated | Charlotte, NC

| [ProAutomated Careers](#)

Field Service Engineer - Lighting Controls Industry | ProAutomated | Raleigh, NC

| [ProAutomated Careers](#)

Field Service Engineer - Lighting Controls Industry | ProAutomated | Apex, NC

| [ProAutomated Careers](#)

Field Service Engineer - Lighting Controls Industry | ProAutomated | Concord, NC

| [ProAutomated Careers](#)

Field Service Engineer - Lighting Controls Industry | ProAutomated | Cary, NC

| [ProAutomated Careers](#)

Does your company have an open position in North Carolina, South Carolina or Virginia?

Email us at iesraleighsection@gmail.com. Include position / title, company name, and a company contact or link to the company job listing.

Sponsorship



Your logo / advertisement could be here!

Interested in sponsorship opportunities for future e-Newsletters?

Email us at iesraleighsection@gmail.com.

Are you good at crafting messaging and creating marketing content? Joining our marketing committee today!

Email Christine at c.vanleeuwen.lc@gmail.com



Copyright © 2022 Illuminating Engineering Society Raleigh Section, All rights reserved.

Our mailing address is:

1414 Raleigh Road, Suite 305
Chapel Hill, NC 27517

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).

This email was sent to <<Email Address>>

[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)

IES Raleigh Section · 120 Wall St Fl 17 · New York, NY 10005-4026 · USA

